



1. (Cancelled) Apparatus for underwater applications, comprising:

a modular unit having a top wall, a bottom wall, two side walls and two end walls interconnected to form a hollow interior;

each of said side walls having a tapered section formed with a through bore which intersects said hollow interior;

each of said end walls extending generally vertically between said bottom wall and said top wall, said end walls each being formed with a through bore which intersects said hollow interior;

said top wall being formed with a through bore which intersects said hollow interior;

a number of supports extending from said bottom wall, said supports being adapted to assist the stabilization of said modular unit on the floor of a body of water.

2. (Currently Amended) The apparatus of claim [[1]] 36 in which said through bore of one of said end walls substantially aligns with said through bore of said other of said end walls.

3. (Currently Amended) The apparatus of claim [[1]] 36 in which said tapered section of each of said side walls extends at an angle of about 45°.

4. (Currently Amended) The apparatus of claim [[3]] 36 in which said through bore in each of said side walls is formed with an angled, lower portion extending in a direction toward said bottom wall, said angled, lower portion being contacted by a flow of water entering said hollow interior of said modular unit to create a downward force on said modular unit tending to enhance the stabilization thereof on the floor of a body of water.

5. (Currently Amended) The apparatus of claim [[1]] 37 in which said [supports are] at least one support is a number of legs extending from said bottom wall.

6. (Currently Amended) The apparatus of claim [[1]] 37 in which said [supports are] at least one support is a lip extending from the periphery of said bottom wall.

7. (Currently Amended) The apparatus of claim [[1]] 37 in which said modular unit forms an artificial reef and marine habitat along the floor of a body of water.

8. (Currently Amended) The apparatus of claim [[1]] 37 in which said modular unit is positioned within a body of water relative to a beach at the edge of said body of water to form a sea wall.

9. (Cancelled) The apparatus of claim 1 in which said bottom wall is formed with a through bore which intersects said hollow interior.

10. (Currently Amended) Apparatus for underwater applications, comprising:

a modular unit [having] including:

(i) a top wall, a bottom wall, two side walls and two end walls interconnected to form a hollow interior,

(ii) each of said side walls having a tapered section formed with a through bore which intersects said hollow interior;

(iii) each of said end walls extending generally vertically between said bottom wall and said top wall, said end walls each being formed with a through bore which intersects said hollow interior;

(iv) said top wall being formed with a through bore which intersects said hollow interior;

(v) at least one support extending from said bottom wall of said modular unit;

an anchoring device adapted to rest upon the floor of the body of water, said anchoring device being formed with mounting structure which engages said at least one support to connect said modular unit to said anchoring device.

11. (Original) The apparatus of claim 10 in which said at least one support is a number of legs extending from said bottom wall.

12. (Original) The apparatus of claim 11 in which said anchoring device comprises at least one rail unit which includes a first rail and a second rail spaced from said first rail, each of said first and second rails being formed with a number of openings, said modular unit being placed in position to straddle said first and second rails so that each of said legs of said modular unit is received within an opening in one of said first and second rails.

13. (Original) The apparatus of claim 12 in which said first rail and said second rail of said at least one rail unit are connected to one another by at least one cross brace.

14. (Original) The apparatus of claim 12 in which a number of rail units are positioned side-by-side in abutting relationship, said first rail and said second rail of those rail units which abut one another being formed with aligning mounting holes, said aligning mounting holes receiving a connector extending between said rail units to secure abutting rail units together.

15. (Original) The apparatus of claim 11 in which said anchoring device includes at least one rail unit having a first rail and a second rail connected together by at least one cross brace, each of said first and second rails being formed with a recess which receives one of said legs extending from said bottom wall.

16. (Original) The apparatus of claim 11 in which said anchoring device comprises first and second outer rails and first and second inner rails, each of said first and second outer rails being formed with a row of spaced openings, each of said first and second inner rails being formed with two side-by-side rows of spaced openings, said first and second inner rails being connected to one another and to one of said first and second outer rails.

17. (Original) The apparatus of claim 16 in which said spaced openings in said first and second outer rails and in said first and second inner rails are positioned so that said legs of said modular unit are received within said openings in one of said inner rails and in one of said outer rails.

18. (Original) The apparatus of claim 17 in which said first and second inner rails are positioned relative to one another so that said

legs of said modular unit are received within one row of said openings in said first inner rail and one row of said openings in said second inner rail.

19. (Original) A marine structure for underwater applications, comprising:

a number of modular units each including:

(i) a top wall, a bottom wall, two side walls and two end walls interconnected to form a hollow interior,

(ii) each of said side walls having a tapered section formed with a through bore which intersects said hollow interior;

(iii) each of said end walls extending generally vertically between said bottom wall and said top wall, said end walls each being formed with a through bore which intersects said hollow interior;

(iv) said top wall being formed with a through bore which intersects said hollow interior;

each of said modular units being capable of being placed in an upright orientation with said top wall vertically above said bottom wall, and in an inverted orientation with said top wall vertically below said bottom wall;

a first group of modular units being located side-by-side in an upright orientation along the floor of a body of water, and a second group of modular units being located in between adjacent first modular units and placed in an inverted orientation so that said tapered section



of each side wall of a modular unit in said second group contacts said tapered section of one side wall of one modular unit and said tapered section of one side wall of an adjacent modular unit in said first group.

20. (Original) The marine structure of claim 19 in which said through bore in said tapered section of said side walls of each modular unit in said first group aligns with said through bore in said tapered section of one side wall of a modular unit in said second group.

21. (Original) The marine structure of claim 19 in which said first and second groups of modular units form a first row, a third group of modular units and a fourth group of modular units forming a second row, said modular units of said third and fourth groups being placed end-to-end relative to said modular units of said first and second groups.

22. (Original) The marine structure of claim 21 in which said third group of modular units are located side-by-side in an upright orientation along the floor of a body of water, and said fourth group of modular units are located in between adjacent third modular units and placed in an inverted orientation so that each side wall of a modular unit in said fourth group contacts one side wall of one modular unit and one side wall of an adjacent modular unit in said third group.

23. (Original) The marine structure of claim 22 in which said through bore in said tapered section of said side walls of each modular unit in said third group aligns with said through bore in said tapered section of one side wall of a modular unit in said fourth group.

24. (Original) The marine structure of claim 21 in which said through bore in one end wall of said first and second modular units of said first row aligns with said through bore in one end wall of an adjacent third and fourth modular unit, respectively, of said second row.

25. (Original) The marine structure of claim 19 in which each wall of said modular unit has an exterior surface, said exterior surface of at least some of said walls being formed with indentations.

26. (Currently Amended) The marine structure of claim 19 in which said through bore of one of said end walls substantially aligns with said through bore of said other of said end walls.

27. (Original) The marine structure of claim 19 in which said tapered section of each of said side walls extends at an angle of about 45°.

28. (Original) The marine structure of claim 19 in which said through bore in said side walls of each modular unit is formed with an angled, lower portion extending in a direction toward said bottom wall, said angled, lower portion being contacted by a flow of water entering said hollow interior of said modular unit to create a downward force on said modular unit tending to enhance the stabilization thereof on the floor of a body of water.

29. (Original) The marine structure of claim 19 in which each of said modular units has a number of supports extending from said bottom wall, said supports being adapted to assist the stabilization of said modular units on the floor of a body of water.

30. (Original) The marine structure of claim 29 in which said supports are a number of legs extending from said bottom wall.

31. (Original) The marine structure of claim 29 in which said supports is a lip extending from the periphery of said bottom wall.

32. (Original) The marine structure of claim 19 in which said first group and said second group of modular units collectively form a barrier reef.

33. (Original) The marine structure of claim 19 in which said first group and said second group of modular units collectively form a marine habitat.

34. (Original) The marine structure of claim 19 in which said first group and said second group of modular units collectively form a sea wall.

35. (Cancelled) The marine structure of claim 19 in which said bottom wall is formed with a through bore which intersects said hollow interior.

36. (New) Apparatus for underwater applications, comprising:

a modular unit having a top wall, a bottom wall, two side walls and two end walls interconnected to form a hollow interior;

each of said side walls having a tapered section formed with a through bore which intersects said hollow interior;

each of said end walls extending generally vertically between said bottom wall and said top wall, said end walls each being formed with a through bore which intersects said hollow interior;

said top wall being formed with a through bore which intersects said hollow interior;

said modular unit being capable of being placed in an upright orientation with said top wall vertically above said bottom wall, and in an inverted orientation with said top wall vertically below said bottom wall;

said tapered section of each of said side walls being formed so that when one modular unit is placed in an upright orientation said tapered section of each of said side walls thereof is capable of engaging said tapered section of one of said side walls of a second modular unit placed in an inverted orientation adjacent thereto with said through bores in respective ones of said tapered sections aligning with one another.

37. (New) The apparatus of claim 36 further including at least one support extending from said bottom wall, said at least one support being effective to assist stabilizing said modular unit on the floor of a body of water.